

# SYNERGY TELECOM P. LTD

## 2 WATT 18 GHz ATTENUATOR

ATT-3/6/10/20/30/40W2F18



<b>impedance</b>	<b>50Ω</b>
<b>Frequency(GHz)</b>	<b>DC-18 GHz</b>
<b>Interface type</b>	<b>SMA needle-SMA hole</b>
<b>Inner conductor material and coating</b>	<b>Beryllium bronze</b>
<b>Outer conductor material and coating</b>	<b>Stainless steel anti rust treatment</b>
<b>Dielectric material</b>	<b>PTFE</b>
<b>temperature</b>	<b>-10℃- +85℃</b>
<b>standard</b>	<b>MIL-C-39012</b>

WZ-47 BUDHELLA VILLAGE, VIKASPURI, NEW DELHI – 110018

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**ATT-3W2F18(SMA 2W 3dB )**

<b>VSWR</b>	<b>1GHz</b>	<b>≤1.03</b>
	<b>2GHz</b>	<b>≤1.05</b>
	<b>5GHz</b>	<b>≤1.1</b>
	<b>10GHz</b>	<b>≤1.1</b>
	<b>12GHz</b>	<b>≤1.2</b>
	<b>18GHz</b>	<b>≤1.48</b>
<b>Attenuating</b>	<b>1GHz</b>	<b>2.78dB</b>
	<b>2GHz</b>	<b>2.82 dB</b>
	<b>5GHz</b>	<b>2.86 dB</b>
	<b>10GHz</b>	<b>2.98dB</b>
	<b>12GHz</b>	<b>3.02 dB</b>
	<b>18GHz</b>	<b>3.23 dB</b>

**ATT-6W2F18(SMA 2W 6dB)**

<b>VSWR</b>	<b>1GHz</b>	<b>≤1.03</b>
	<b>2GHz</b>	<b>≤1.05</b>
	<b>5GHz</b>	<b>≤1.1</b>
	<b>10GHz</b>	<b>≤1.1</b>
	<b>12GHz</b>	<b>≤1.2</b>
	<b>18GHz</b>	<b>≤1.35</b>
<b>Attenuating</b>	<b>1GHz</b>	<b>1474528318359798.jpg</b>
	<b>2GHz</b>	<b>5.82 dB</b>
	<b>5GHz</b>	<b>5.86 dB</b>
	<b>10GHz</b>	<b>5.98dB</b>
	<b>12GHz</b>	<b>6.02 dB</b>
	<b>18GHz</b>	<b>6.6 dB</b>

**ATT-10W2F18(SMA 2W 10dB) 60.06.040.0110**

<b>VSWR</b>	<b>1GHz</b>	<b>≤1.03</b>
	<b>2GHz</b>	<b>≤1.05</b>
	<b>5GHz</b>	<b>≤1.11</b>
	<b>10GHz</b>	<b>≤1.15</b>
	<b>12GHz</b>	<b>≤1.2</b>
	<b>18GHz</b>	<b>≤1.4</b>
<b>Attenuating</b>	<b>1GHz</b>	<b>9.8dB</b>
	<b>2GHz</b>	<b>9.85 dB</b>
	<b>5GHz</b>	<b>9.88 dB</b>
	<b>10GHz</b>	<b>10dB</b>
	<b>12GHz</b>	<b>10.05dB</b>
	<b>18GHz</b>	<b>10.1 dB</b>

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# SYNERGY TELECOM P. LTD

**ATT-20W2F18 (SMA 2W 20dB)**

<b>VSWR</b>	1GHz	≤1.05
	2GHz	≤1.07
	5GHz	≤1.1
	10GHz	≤1.15
	12GHz	≤1.2
	18GHz	≤1.4
<b>Attenuating</b>	1GHz	19.7dB
	2GHz	19.74 dB
	5GHz	19.77 dB
	10GHz	19.8dB
	12GHz	19.8 dB
	18GHz	19.49 dB

**ATT-30W2F18 (SMA 2W 30dB)**

<b>VSWR</b>	0.1GHz	≤1.04
	1GHz	≤1.04
	2GHz	≤1.05
	5GHz	≤1.1
	8GHz	≤1.11
	10GHz	≤1.13
	12GHz	≤1.3
	18GHz	≤1.6
<b>Attenuating</b>	0.1GHz	29.4dB
	1GHz	29.5 dB
	2GHz	29.55 dB
	5GHz	29.85 dB
	8GHz	29.91 dB
	10GHz	29.92dB
	12GHz	30.3 dB
	18GHz	31.3 dB

**ATT-40W2F18 (SMA 2W 40dB)**

<b>VSWR</b>	0.1GHz	≤1.04
	1GHz	≤1.04
	2GHz	≤1.05
	5GHz	≤1.1
	8GHz	≤1.17
	10GHz	≤1.18
	12GHz	≤1.35
	18GHz	≤1.6
<b>Attenuating</b>	0.1GHz	39.5dB
	1GHz	39.5 dB
	2GHz	39.51 dB
	5GHz	39.65 dB
	8GHz	39.8 dB
	10GHz	39.85dB
	12GHz	39.9 dB
	18GHz	39 dB

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